

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:47 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 416 Const Calendar Day: 617 Date: 11-Feb-2014 Tuesday

Inspector Name: Feather, Bernard Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 08:00 am 05:00 pm Break: Over Time:

Federal ID:

Location:

Reviewer: Shedd, Bill Approved Date: 21-Nov-14 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM

12 PM

4PM

Precipitation

Condition Clear, warm

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

MEP staff meeting 0830-0900. Track progress if FWS mechanical piping installation. Misc. MEP paperwork and write diaries. Meeting with Hayat Tazir and CT Structural Maintenance to discuss dehumidification issues.

**04-0120F4 Bid Item: 128 0-000-000.128 DEHUMIDIFIER SYSTEM**

F.W. SPENCER AND SON, INC

Diary:

Dispute

Dehumidification System 128 0-000-000.128

A meeting was held between CT, Hayat Tazir (DJV), and CT Structural Maintenance to discuss enhancing the dehumidification system:



Date and Time: 2/11/2014 @ 11:00AM

Place: DJV Conference Room @ Pier 7

Subject: Discuss possibilities/ implications of East Anchorage DH unit fans running continuously

Attendees:

Caltrans MEP Group: Bill Shedd, Bernard Feather

Caltrans Maintenance: Arturo Mendez, Greg Soria, Ed Thometz, Bill Zanitich

DJV: Hayat Tazir

Meeting Summary:**General:**

This meeting was held as a follow up on an action item in the A354BD Team Meeting. The intent was to engage CT Maintenance group in the discussion about the operations of the DH units.

Specifically, the maintenance group is to be made aware that the team of experts recommended that the fans in the east anchorage zone run continuously.

Plans for the temporary monitoring in the east anchorage were distributed for information.

Action Items:

1. Verify with Munters the following (with East Anchorage Fans running continuously) (RobFeather)

a. What is the service life of the fans/filter (schedule of maintenance/replacement for air filters)

b. Implications on warranty of the fan system



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- c.What happens in the event of a power failure (steps in restarting the DH system)
- d.Status of maintenance manual

2.Plan follow up meeting with Munters and Ari Konyalian (DJV mechanical engineer)

a.Contact ABF (Bill Shedd)

b.Contact Ari Konyalian(Hayat Tazir)

3.Follow up on the purchase / installation of with METS or ABF of temporary and permanent data loggers. (Bill Shedd)

Follow-up Meeting:

Tentatively scheduled for Tuesday 2/18/2014 at 12:00 PM (@ DJV conference Room)

Bill O'Sullivan, ABF was sent an email requesting that Munters sit in on a teleconference with the DJV. The Email was as follows:

The DJV would like to discuss some issues with enhancing the dehumidification system and how it will affect the operation and maintenance of the systems.

There are three things we would like to do:

- 1.The DJV wants to install "hobo" dataloggers at various places inside the splay chambers and behind the anchorage to see how effective they east anchorage units are in removing moist air for the far corners. These are easily installed units that are easily placed, but the Department doesn't have enough of them for our needs, so we may have to write a CCO to have ABF purchase them for us.
- 2.The Designers want to fan to run continuously on the east anchorage units such to keep air circulating inside the chambers. The burners and desiccant wheel will continue to operate only when humidity hits the trigger point. We need to see if it possible that Munters can reprogram the fans for continuous operations.
- 3.If the fans do run continuously, there are several maintenance issues involved. Will the filters have to be changed out more often; What will be the new service life of the fan; how will the continuous operation of the fan affect the warranty?

If Munters is agreeable to a meeting, we would like to have a teleconference on Tuesday, February 18, at 1200. If that works out for them, I will send a call in number and a more detailed agenda.

04-0120F4 Bid Item: 129 0-000-000.129 BOOSTER PUMP STATION

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Plumber/Pipefitter	JNM	NARCISO BIAGI	4.00	0.00	0.00	4.00		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	4.00	0.00	0.00	4.00		<input type="checkbox"/>

Diary:

Booster Pump 129 0-000-000.129

Narciso Biagi and Josh Johnson spent 4 hours of their morning shift assisting George Rose, California Hydronic Corporation, in changing out the booster pump's drive motor. During intial testing, it was determined that the motor delivered with the unit was undersized.

After installing the new motors, FWS and CHC completed startup and testing of the unit.

Tom Colombo assisted in this operation for 4 hours as general foreman.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Feather, Bernard

Diary #: 416

Date: 11-Feb-2014 Tuesday

Bill O'Sullivan called and sent an email stating that the Contract required booster pump operations training would be on Wednesday, February 22. I contracted James Provance, CT Area Bridge Maintenance manager for him to assign Maintenance personnel to attend the training.

CCO-187 Bid Item: 001 0-MSI-EFA.187 MEP/Structural Interferences

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Plumber/Pipefitter	JNM	NARCISO BIAGI	4.00	0.00	0.00	4.00		<input type="checkbox"/>
Welder	JNM	RICHARD KIIKVEE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	4.00	0.00	0.00	4.00		<input type="checkbox"/>

Diary:

Dispute

Mechanical Piping 001 0-MSI-EFA.187

Rick Kikvee spent the shift doing the fit-up and welding of the 2 1/2" DW and 4" CA offsets for connection of the carbon steel piping of the SAS system to the Skyway system on the inboard barrier side of the EB and WB bridge. This work was directed as extra work at force account in the response to RFI 3451.

Rick K. used a 70 amp welder, and small tools in performance of this work.

Tom Colombo spent 4 hours overseeing this operation as the general foreman.

Narciso Biagi and Josh Johnson spent 4 hours of their shift grooving the last SAS section of 12" CCSF Water Main DIP using a rented WACHS split ring cutter/groover. This section of pipe was being grooved such that a Victaulic fitting can be used to attached the SAS Main to the Skyway system, as directed in the response to RFI 3485R01 and R02.

The crew used a 1.2 KW generator, an air compressor, the grooving machine, and small tools in this operation.

CCO-367 Bid Item: 001 0-PCR-EFA.367 Pipe Interference with Cable Railing

F.W. SPENCER AND SON, INC

Diary:

Dispute

6" DIP/cable rail post interference 001 0-PCR-EFA.367

A spreadsheet of the measurements of the interferences between the 6" CCSF Reclaimed Water Main and the cable rail post was sent to ABF/FWS.